

Fig. 1

N-terminal sequence of the 90 kDa and 65 kDa isoforms of angiotensin I converting enzyme

	2	5	10	15
90 ACE	Asp Pro X	Leu Gln Pro Gly Asn Phe Ser	X Asp Glu	Ala Gly Ala Gln Leu Phe
65 ACE	Asp Pro Gly	Leu Gln Pro Gly Asn Phe Ser Ala Asp Glu	X Gly Ala Gln Leu Phe	
Somatic ACE	Asp Pro Gly	Leu Gln Pro Gly Asn Phe Ser Ala Asp Glu	Ala Gly Ala Gln Leu Phe	
Rat ACE	Asp Pro Gly	Leu Gln Pro Gly Asn Phe Ser Ala Asp Glu	Ala Gly Ala Gln Leu Phe	
Mouse ACE	Asp Pro Gly	Leu Gln Pro Gly Asn Phe Ser Pro Asp Glu	Ala Gly Ala Gln Leu Phe	
Bovine ACE	Asp Pro Ala	Leu Gln Pro Gly Asn Phe Pro Ala Asp Glu	Ala Gly Ala Gln Ile Phe	

Fig. 2A

C-terminal sequence of the 90 kDa and 65 kDa isoforms of angiotensin I converting enzyme

65 kDa :

GYLVDQXR XGVFS

Somatic: GLLDRVTNDTESDINYLLKMALEKIAFLPFGYLVDQWRWGVFSGRTPPSRY
 440 450 460 470 480

The 65 kDa enzyme ends at number 481 aminoacid

90 kDa:

EVLGXPEYQXHPP

Somatic: VGLDALDAQPLLKYFQPV TQWLQEQQNQNGEVLGWPEYQWHPPLPDNYPE
 590 600 610 620 630

The 90 kDa enzyme ends at number 632 aminoacid

Fig. 2B

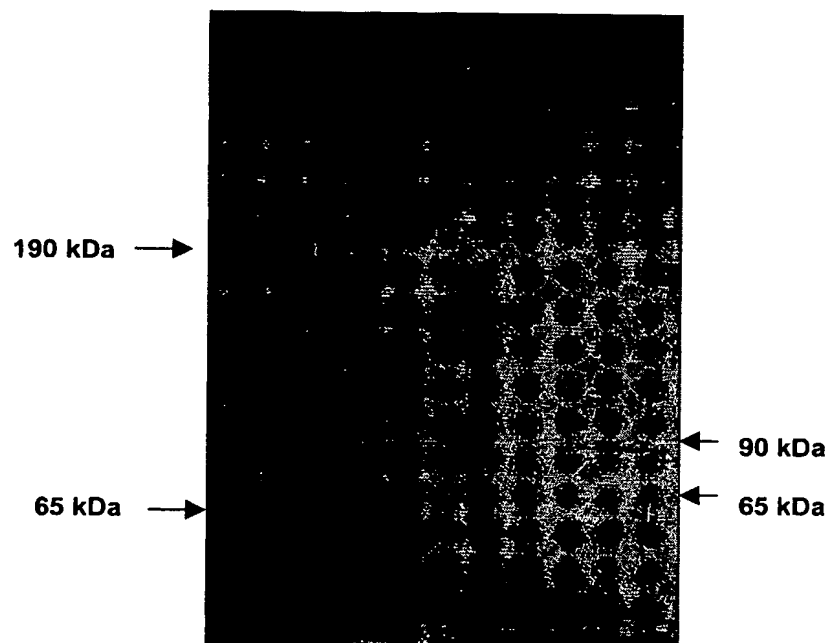


FIG. 3

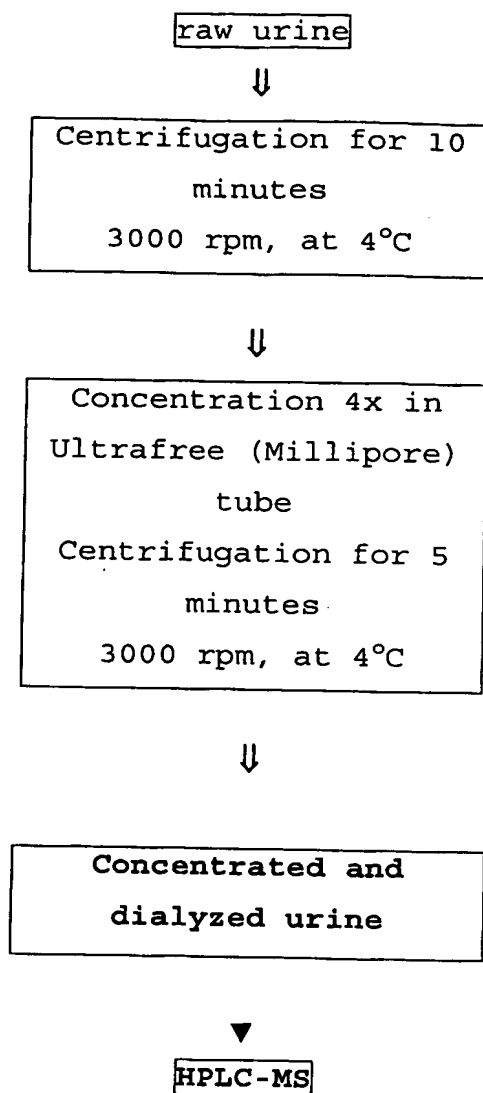


FIG. 4